Automatically gen rating a document type d finition

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Abstract

A document type definition (hereafter referred to as DTD) of SGML (Standard Generalised Markup Language) is automatically generated. A user prepares a plurality of sample documents provided with tags in accordance with the syntax of SGML about a document type for which the user wants to create a DTD. These sample documents are input from a sample inputting unit 10 and a structure information extracting unit 12 extracts logical structure information from the tags of the sample documents. A structure list processing unit 14 creates a structure list in accordance with the extracted information. When processing of all prepared sample documents is completed, a DTD creating unit 16 generates a DTD by analyzing the structure list.

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